

**PENNDOT – Engineering District 10-0  
ISO 9001 Internal Audit Report  
(02/06)**

<b>Department</b>	<b>Audit Process</b>	<b>Date &amp; Time of Audit</b>
Geotech	7.6	3/21/13 8:30 am

<b>Auditor(s)</b>	<b>Audit Objectives:</b>
1. Katherine Bailly 2. Dave Schaffer	To define process for controlling measuring and monitoring devices.

<b>Name of Auditee(s)</b>	<b>Auditee(s) job Function</b>
1. Alicia Kavulic	1. District Geotechnical Engineer – completes construction consultation requests or assigns the request to one of the assistant Geotechnical engineers

<b>Item(s) or areas audited</b>
7.6 Control of Monitoring and Measuring Devices

<b>Auditee Comments:</b>
<input type="radio"/> None

<b><u>Plan approved by: (Management Representative)</u></b>
Tim McClellan

# PENNDOT – Engineering District 10-0 ISO 9001 Internal Audit Report

## Audit Criteria

### External requirements (questions)

1. No external questions for Geotech

### External requirements (answers)

- 1.

### Internal requirements (questions)

1. Who performs the calibrations on the nuclear density gauges? Is there a certification required for this?
2. Are the calibrations kept on file?

### Internal requirements (answers)

1. Central office performs the calibrations once a year using the CAMMS reports. The nuclear gauge is sent via Pony truck and sent back after testing is completed there including battery testing calibration and a leakage test. The leak test is also performed quarterly by the nuclear technician and samples sent to Harrisburg for analysis. Certifications for qualified individuals is required in Central Office.
2. Calibration CAMMS reports are kept on file in the case with the gauge so each technician can easily see when the gauge was last calibrated and know when it is due again.

# PENNDOT – Engineering District 10-0 ISO 9001 Internal Audit Report

<b>Overall Statement of Effectiveness of the Quality Management System</b>
<b>Areas of strength regarding ability to meet requirements- including observed <u>BEST Practices</u></b> <ol style="list-style-type: none"><li>1. Calibration sheets are easy to locate.</li><li>2. Calibrations are performed by qualified individuals in Harrisburg every year and leak tests performed quarterly for safety.</li></ol>
<b>Areas to consider for improvement:</b> <ol style="list-style-type: none"><li>1. None</li></ol>
<b>Specific observed nonconformities (Findings): If Applicable, Follow-up Scheduled:</b> <ol style="list-style-type: none"><li>1.</li></ol>
<b>Observations and auditor comments:</b> <ol style="list-style-type: none"><li>1. Alicia is knowledgeable of the training required and the procedures involved in the calibrations of the Nuclear density gauges.</li></ol>
<b>Statement of overall effectiveness of the system:</b> <ul style="list-style-type: none"><li>• The process appears to be functioning very well and meeting all required objectives</li></ul>
<b>Distribution of Audit Report:</b> <ul style="list-style-type: none"><li>• Manager of area audited</li><li>• A.D.E. Construction</li><li>• ISO Management Representative</li></ul>
<b>Unit Manager Comments Including Follow-Up Action: (if any)</b> ➤